COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

is attached hereto.

 \boxtimes

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled NONVOLATILE SEMICONDUCTOR MEMORY DEVICE WITH A FAIL BIT DETECTING SCHEME AND METHOD FOR COUNTING THE NUMBER OF FAIL BITS, the specification of which:

	was filed on	as Application No	
	and was amended on	(if applicable)	
	with amendments throug	h(if applicable).	
-		understand the contents of the ab by any amendment referred to a	
		mation which is material to the p Code of Federal Regulations, Se	
(a)-(d) or §365(b) of any PCT inter United States of A for patent or inves	of any foreign application(s) ational application which des America, listed below and hav	under Title 35, United States Cooffor patent or inventor's certificating ignated at least one country other also identified below any foreign international application having ority is claimed:	te, or §365(a) r than the gn application
Prior Foreign Application(s)			Claiming Priority?
2000-73031 (Number)	Republic of Korea (Country)	4, December 2000 (Day/Month/Year Filed)	Yes No
	laim the benefit under Title 3: visional application listed belo	5, United States Code, Sec. 119(eow:	e) of any
Provisional Appli	cation No.	Filing Date	
			

I hereby claim the benefit under Title 35, United States Code, Sec. 120 or §365(c) of any PCT international application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.) (Filing Date) (Status) (patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute the application, to file a corresponding international application, to prosecute and transact all business in the Patent and Trademark Office connected therewith:



20575 PATENT TRADEMARK OFFICE

Attorney Name	Registration No.	
Jerome S. Marger	26,480	
Alexander C. Johnson, Jr.	29,396	
Alan T. McCollom	28,881	
James G. Stewart	32,496	
Stephen S. Ford	35,139	
Julie L. Reed	35,349	
Walter D. Fields	37,130	
Gregory T. Kavounas	37,862	
Scott A. Schaffer	38,610	
Joseph S. Makuch	39,286	
James E. Harris	40,013	
Kevin S. Ross	42,116	
Graciela G. Cowger	42,444	
Ariel Rogson	43,054	
Craig R. Rogers	43,888	
Kurt M. Rylander	43,897	
Hillary Brooks	45,815	
Clifford D. Weston	P-48,307	

Direct all telephone calls to <u>Alan T. McCollom</u> at (503) 222-3613 and send all correspondence to:

MARGER JOHNSON & McCOLLOM, P.C. 1030 S.W. Morrison Street Portland, Oregon 97205

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Jae-Yong JEONG

Inventor's signature: Jaeyong Jeong 2001.10.9

(Date)

Residence: Kyunggi-do, Republic of Korea

Citizenship: Republic of Korea

Post Office address: 107-405, Jukong Apt., Hwanggol Town, Youngtong-dong, Paldal-ku,

Suwon, Kyunggi-do, Republic of Korea

Full name of second joint inventor: Sung-Soo LEE

Inventor's signature: Sung Soo Lee 2001.10.10
(Date)

Residence: Kyunggi-do, Republic of Korea

Citizenship: Republic of Korea

Post Office address: 504-502, Shinhwa Apt., Jungdeun Town, 192, Jungja-dong,

Bundang-ku, Sungnam-shi, Kyunggi-do, Republic of Korea